

DOCUMENT TYPE: Journal
 LANGUAGE: Italian

AB The antioxidant activity of Iniferin, a complex of lactoferrin with 8-hydroxyxanthine and 2-thioxanthine, was studied in liposome preps. contg. 3% phospholipids. Iniferin at 5% strongly inhibited lipid peroxidn. induced by the addn. of FeCl₂ and H₂O₂. The extent of peroxidn. was detd. by UV spectrophotometry of diene conjugates at 233 nm. Iniferin has low toxicity and is recommended for skin cosmetic preps. against skin aging.

L2 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 1989:209668 CAPLUS

DOCUMENT NUMBER: 110:209668

TITLE: The cellular aging process and free radicals

AUTHOR(S): Carlotti, Pierre; Gabrielle, Denise

CORPORATE SOURCE: Sederma, Fr.

SOURCE: Drug & Cosmetic Industry (1989), 144(2), 22, 24, 80

CODEN: DCINAQ; ISSN: 0012-6527

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

AB A review, with 5 refs., on free radical formation in skin and its relation to lipid peroxidn. and cutaneous aging, and ***Iniferine*** (sederma) as a protectant prepn. against free radicals in skin.

=> s lactoferrin

L3 22467 LACTOFERRIN

=> s retino? or retinamide or (vitamin A)

L4 411019 RETINO? OR RETINAMIDE OR (VITAMIN A)

=> s N-acetylcysteine or acetylcysteine

L5 31175 N-ACETYLCYSTEINE OR ACETYLCYSTEINE

=> s choleciferol or (vitamin K) or (vitamin C) or tocopherol

L6 206996 CHOLECIFEROL OR (VITAMIN K) OR (VITAMIN C) OR TOCOPHEROL

=> s 14 (p) 15 (p) 16

L7 74 L4 (P) L5 (P) L6

=> d his

(FILE 'HOME' ENTERED AT 09:35:04 ON 17 AUG 2004)

FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 09:35:22 ON 17 AUG 2004

L1 3 S INIFERINE

L2 3 DUPLICATE REMOVE L1 (0 DUPLICATES REMOVED)

L3 22467 S LACTOFERRIN

L4 411019 S RETINO? OR RETINAMIDE OR (VITAMIN A)

L5 31175 S N-ACETYLCYSTEINE OR ACETYLCYSTEINE

L6 206996 S CHOLECIFEROL OR (VITAMIN K) OR (VITAMIN C) OR TOCOPHEROL

L7 74 S L4 (P) L5 (P) L6

=> duplicate remove 17

DUPLICATE PREFERENCE IS 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L7

L8 39 DUPLICATE REMOVE L7 (35 DUPLICATES REMOVED)

=> s 18 (p) topical

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'L55 (P) TOPICAL'

L9 0 L8 (P) TOPICAL

=> s 13 (p) 18

PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'L14 (P) L68'

L10 1 L3 (P) L8

=> d 110 1 ibib abs

L10 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2000:839120 CAPLUS

DOCUMENT NUMBER: 134:21446

TITLE: Compositions for stabilizing oxygen-labile

pharmaceuticals
INVENTOR(S): Kung, John; Liu, Jue-chen
PATENT ASSIGNEE(S): Johnson & Johnson Consumer Companies, Inc., USA
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|------|----------|-----------------|------------|
| EP 1055720 | A2 | 20001129 | EP 2000-304519 | 20000526 |
| EP 1055720 | A3 | 20010307 | | |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO | | | | |
| CA 2309520 | AA | 20001128 | CA 2000-2309520 | 20000525 |
| JP 2001011441 | A2 | 20010116 | JP 2000-158635 | 20000529 |
| CN 1284327 | A | 20010221 | CN 2000-118833 | 20000529 |
| AU 767784 | B2 | 20031127 | AU 2000-37800 | 20000529 |
| BR 2000003780 | A | 20010403 | BR 2000-3780 | 20000616 |
| US 2002123460 | A1 | 20020905 | US 2001-33492 | 20011227 |
| PRIORITY APPLN. INFO.: | | | US 1999-136442P | P 19990528 |
| | | | US 1999-361425 | A 19990727 |

AB This invention relates to compns. and methods for stabilizing oxygen-labile species. More particularly, it relates to compns. contg. 1 or more oil- and/or water-sol. oxygen-labile species and one or more stabilizing elements. It also relates to methods of making such compns. and methods of using such compns. Thus, a formulation contained water 73.96, disodium EDTA 0.20, phenoxyethanol 0.73, methylparaben 0.20, propylparaben 0.07 and hydroxyethyl cellulose 1.00% for the water phase; BHT 0.10, GMS 2.00 cetearyl glucoside 3.000, c12-15 alkyl benzoate 2.00, avobenzone 2.00, octyl methoxycinnamate 4.00, and ascorbyl palmitate 0.50% for the oil phase; ascorbic acid 5.00, ***tocopherol*** 0.05, ***retinol*** 0.25, ***lactoferrin*** and thioxanthine and uric acid 1.00, ***N*** - ***acetylcysteine*** 0.01, EtOH 2.78 and 20% NaOH 9.04% as the additives. After a 13-wk incubation at 40.degree., 90% vitamin C and 96% ***vitamin*** ***A*** remained in the compn.

=> d his

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FILE 'MEDLINE, CAPLUS, BIOSIS, EMBASE, SCISEARCH, AGRICOLA' ENTERED AT 09:35:22 ON 17 AUG 2004

L1 3 S INIFERINE
L2 3 DUPLICATE REMOVE L1 (0 DUPLICATES REMOVED)
L3 22467 S LACTOFERRIN
L4 411019 S RETINO? OR RETINAMIDE OR (VITAMIN A)
L5 31175 S N-ACETYLCYSTEINE OR ACETYLCYSTEINE
L6 206996 S CHOLECIFEROL OR (VITAMIN K) OR (VITAMIN C) OR TOCOPHEROL
L7 74 S L4 (P) L5 (P) L6
L8 39 DUPLICATE REMOVE L7 (35 DUPLICATES REMOVED)
L9 0 S L8 (P) TOPICAL
L10 1 S L3 (P) L8

=> log y

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|--|------------------|---------------|
| FULL ESTIMATED COST | 51.84 | 52.05 |
| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
| CA SUBSCRIBER PRICE | -2.94 | -2.94 |

STN INTERNATIONAL LOGOFF AT 09:42:04 ON 17 AUG 2004

tmr

=> file registry
COST IN U.S. DOLLARS

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 0.21 | 0.21 |

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 09:50:27 ON 17 AUG 2004
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STRUCTURE FILE UPDATES: 16 AUG 2004 HIGHEST RN 727651-15-2
DICTIONARY FILE UPDATES: 16 AUG 2004 HIGHEST RN 727651-15-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> s iniferine
L1 1 INIFERINE

=> d l1 1

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 120668-53-3 REGISTRY
CN **Iniferine (9CI)** (CA INDEX NAME)
ENTE A natural mixture containing lactoferins, 8-hydroxyxanthine, and
hydroxymercaptopyridoimidazole
MF Unspecified
CI MAN
SR CA
LC STN Files: BIOBUSINESS, CA, CAPLUS, PROMT, TOXCENTER, USPATFULL
DT.CA CAPLUS document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); USES (Uses)
RL.NP Roles from non-patents: BIOL (Biological study); PRP (Properties)

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> log y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

| SINCE FILE | TOTAL |
|------------|---------|
| ENTRY | SESSION |
| 7.04 | 7.25 |

STN INTERNATIONAL LOGOFF AT 09:51:24 ON 17 AUG 2004

FILE 'MEDLINE' ENTERED AT 09:35:22 ON 17 AUG 2004

FILE 'CAPLUS' ENTERED AT 09:35:22 ON 17 AUG 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE 'BIOSIS' ENTERED AT 09:35:22 ON 17 AUG 2004
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FILE 'EMBASE' ENTERED AT 09:35:22 ON 17 AUG 2004
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FILE 'SCISEARCH' ENTERED AT 09:35:22 ON 17 AUG 2004
COPYRIGHT 2004 THOMSON ISI

FILE 'AGRICOLA' ENTERED AT 09:35:22 ON 17 AUG 2004

=> s iniferine
L1 3 INIFERINE

=> duplicate remove l1
PROCESSING COMPLETED FOR L1
L2 3 DUPLICATE REMOVE L1 (0 DUPLICATES REMOVED)

=> d l2 1-3 ibib abs

L2 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 2000:839120 CAPLUS
DOCUMENT NUMBER: 134:21446
TITLE: Compositions for stabilizing oxygen-labile
pharmaceuticals
INVENTOR(S): Kung, John; Liu, Jue-chen
PATENT ASSIGNEE(S): Johnson & Johnson Consumer Companies, Inc., USA
SOURCE: Eur. Pat. Appl., 17 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

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| EP 1055720 | A2 | 20001129 | EP 2000-304519 | 20000526 |
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| CA 2309520 | AA | 20001128 | CA 2000-2309520 | 20000525 |
| JP 2001011441 | A2 | 20010116 | JP 2000-158635 | 20000529 |
| CN 1284327 | A | 20010221 | CN 2000-118833 | 20000529 |
| AU 767784 | B2 | 20031127 | AU 2000-37800 | 20000529 |
| BR 2000003780 | A | 20010403 | BR 2000-3780 | 20000616 |
| US 2002123460 | A1 | 20020905 | US 2001-33492 | 20011227 |
| PRIORITY APPLN. INFO.: | | | US 1999-136442P | P 19990528 |
| | | | US 1999-361425 | A 19990727 |

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L2 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1990:185541 CAPLUS
DOCUMENT NUMBER: 112:185541
TITLE: Iniferin: a natural anti-free radical complex
AUTHOR(S): Anon.
CORPORATE SOURCE: Italy
SOURCE: Cosmetic News (1989), 67, 249-54

=> d his

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TOCOPHEROL
L7 74 S L4 (P) L5 (P) L6
L8 39 DUPLICATE REMOVE L7 (35 DUPLICATES REMOVED)
L9 0 S L8 (P) TOPICAL
L10 1 S L3 (P) L8

=> log y

| | Type | L # | Hits | Search Text | DBs | Time Stamp | Co mm ents | Err r Defi nition | Err ors |
|---|------|-----|------|--|---------------------------------------|---------------------|------------------|----------------------------|------------|
| 1 | BRS | L3 | 2 | 5023235.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 08:13 | | 0 | |
| 2 | BRS | L4 | 2 | 4711894.pn. | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 08:41 | | 0 | |
| 3 | BRS | L5 | 2588 | iniferine or lactoferrin | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:32 | | 0 | |
| 4 | BRS | L6 | 3 | iniferine | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:33 | | 0 | |
| 5 | BRS | L7 | 13 | ((retinoid or retinol or retinamide or (retinoic adj acid)) same N-acetylcysteine) same (ascorbic adj acid) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:56 | | 0 | |
| 6 | BRS | L8 | 48 | (retinoid or retinol or retinamide or (retinoic adj acid)) same (n-acetylcysteine or acetylcysteine) same (choleciferol or (vitamin adj K) or (ascorbic adj acid) or (vitamin adj C) or tocopherol) | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:57 | | 0 | |
| 7 | BRS | L9 | 48 | 7 or 8 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:58 | | 0 | |
| 8 | BRS | L10 | 6 | 5 same 9 | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:58 | | 0 | |
| 9 | BRS | L11 | 0 | 10 same topical | USPAT; US-PGPUB; EPO; JPO; DERWENT | 2004/08/17 09:58 | | 0 | |